

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION          IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>MSA247</b>	Application Number
	Applicant <b>HANNIS RUMP ET AL.</b>	
	Filing Date	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
6	4049707	SEP 1977	HARTER JOSEPH WILLIAM et al	/	/	
6	4737885	APR 1988	AKUTSU KENSUKE	/	/	
6	3954586	MAY 1976	LOWTHER FRANK EUGENE	/	/	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
6	3424889	FEB 1986	GERMANY	/	/		
6	0537613	APR 1993	EUROPEAN PATENT OFFICE	/	/		

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

6	PATENT ABSTRACTS OF JAPAN (NICHIMEN DENSHI R. & AMP. DKK) VOL. 1997 No. 03 MARCH 31, 1997 & JP 08310801A NOV. 26, 1996 ABSTRACT
6	PATENT ABSTRACTS OF JAPAN VOL. 1996 No. 07, JULY 31, 1996 & JP 08 081205 A (TOSHIBA CORP) MARCH 26, 1996 ABSTRACT
6	PATENT ABSTRACTS OF JAPAN VOL. 014 No. 453 (C-0764) SEPTEMBER 28, 1990 & JP 02180703A (NORITAKE CO LTD) JULY 13, 1990 ABSTRACT

EXAMINER

DATE CONSIDERED

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